Approved for use through 04/30/2003. OMB 0651-0031

Inder the Paperwork I	Reduction Act of 1995, n	o persons are re	U.S. Patent and Tradema equired to respond to a collection of info	rk Office: U.S ormation unless	. DEPARTMENT OF COMMERCE it displays a valid OMB control number.
r			Application Number	10/667,5	583
TRANSMITTAL			Filing Date	09/22/20	003
FORM (to be used for all correspondence after initial filing)		First Named Inventor	Katsuhik	o Hayashi	
		Art Unit	2841		
			Examiner Name	Ngo, Hu	ng V.
Total Number of Page	s in This Submission	2	Attorney Docket Number	10416/2	2
		ENCLO	OSURES (check all that apply)		
Fee Transmittal F	om		ment Papers Application)	After A	Allowance Communication to
Fee Attached		☐ Drawin	☐ Drawing(s)		al Communication to Board of als and Interferences
Amendment / Res	sponse	Licensing-related Papers			al Communication to Group al Notice, Brief, Reply Brief)
After Final		Petition			ietary Information
Affidavits/declaration(s)		Petition to Convert to a Provisional Application		☐ Status	s Letter
Extension of Time Request		Power of Attorney, Revocation Change of Correspondence Address			r Enclosure(s) e identify below):
 			al Disclaimer	Re	eturn Postcard
Express Abandon	ment Request	Reques	Request for Refund		
☐ Information Disclo	sure Statement	CD, Nu	mber of CD(s)		
Certified Copy of Document(s)	Priority	Remai	rks		
Response to Miss Incomplete Applic	sing Parts/ cation				
Response to Parts under 3 1.52 or 1.53					
	SIGNA	TURE OF A	APPLICANT, ATTORNEY, C	R AGENT	
Firm <i>or</i> Individual name	Brooke W. Quist				
Signature	Bren	Brook. W. Zmil			
Date					
		CEF	RTIFICATE OF MAILING		
I hereby certify that the Service with sufficier Alexandria, VA 22313	nt postage as first o	class mail in	imile transmitted to the USPTO an envelope addressed to: C	or deposited commissioner	d with the United States Postal r for Patents, P.O. Box 1450,
Typed or printed nam	e Brooke W. Qu	uist			
Signature Brook		ook W.	2 mest	Date	12/3/2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: C mmissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

DEC: 0 8 2003

TRADE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

C mplete if Kn wn				
Application Number	10/667,583			
Filing Date	09/22/2003			
First Named Inventor	Katsuhiko Hayashi			
Art Unit	2841			
Examiner Name	Ngo, Hung V.			
Attorney Docket Number	10416/22			

	U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
	1	US-5,831,836	11-03-1998	LSI Logic	Figures Appear	
	2	US- 5,832,598	11-10-1998	Circuit Components Inc.		
	3	US- 6,294,731 B1	09-25-2001	Lu et al.		
	4	US- 6,091,603	07-18-2000	Daves et al.		
		US-				
		US-				
		US-				
		US-				
		US-			-	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
<u>,                                      </u>		US-				
		US-				
		US-				

		FOREIGN PA	TENT DOCU	MENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner Initials* Cite		Foreign Patent Document	0.15.25.2	Name of Patentee or	Pages, Columns, Lines,	
	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
	5	JP-10-501102	01-27- 1998	Circuit Components Inc.		

Examiner	i	Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner f r Patents, P.O. Box 1450, Alexandria, VA 22313-1450.